

SIEMENS

POWERMOBIL/ARCOSKOP

SP

Installation and Setting Instructions

Installing and setting the Video recorder

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General

Safety information

CAUTION

When performing service work and tests, adhere to the product-specific safety information contained in the documents as well as the general safety information contained in the ARTD part 2.

Checks and adjustments which must be performed with radiation switched ON are identified by the radiation warning symbol ☸. During these types of adjustments, radiation protective clothing must be worn.

Protective conductor test

Perform the protective conductor test according to ARTD-002.731.17... after completing all work and reinstalling all covers.

The protective conductor resistance must not exceed 0.2 ohms.

Additional Information

These instructions apply to retrofitting a video recorder on POWERMOBIL respectively ARCOSKOP.

Materials required

- Video recorder connection kit 31 00 489 G5437

Measurement and auxiliary devices required

- Service PC
- Digital-Multi-Meter DMM
- Service software
- Connecting cable (from service PC to host) 99 00 440 RE999
- Protective conductor meter 44 15 899 RV 090

Tools required

- Tool kit (see ARTD / part 3)
- 1 set of Allen keys

CAUTION

Disconnect the POWERMOBIL respectively ARCOSKOP from the mains power prior to beginning this procure.

Line voltage cable

Video tape recorder with 100VAC line voltage:

- Connect the line wires to transformer T1, connector TI - 34 and TI - 36.
- Connect the protective conductor to the protective conductor terminal stripe (ye/gn).

Video tape recorder with 120VAC line voltage:

- Connect the line wires to transformer T1, connector TI - 35 and TI - 36.
- Connect the protective conductor to the protective conductor terminal stripe (ye/gn).

Video tape recorder with 230VAC line voltage:

- Connect the video recorder line wires at terminals X2.1 and X2.2.
- Connect the protective conductor to the protective conductor terminal strip (ge/gn).
- Route the video recorder line wires to the video recorder compartment.

Remote Release

- Connect the supplied control cable to the MEMOSKOP.
- Connect the cable end to the video recorder.

Video cable

With an existing multiformat camera or video printer

- Remove the 75 Ω termination from the video output of the multiformat camera or switch off the 75 Ω termination for the video printer.
- Connect the video cable at the video output of the multiformat camera or the video printer and route the cable to the video recorder compartment.
- Connect the video recorder input. Ensure 75 Ω termination of the video cable.
- Connect the video recorder output to the MEMOSKOP video recorder input.

Without a multiformat camera or video printer

- Connect the video cable to Memoskop connector "Out3".
- Route the video cable to the video recorder compartment.
- Connect the video recorder input. Ensure 75 Ω termination of the video cable.
- Connect the video recorder output to the MEMOSKOP video recorder input.

Programming

- Switch the system on.
- Simultaneously press keys [CTRL] and [U] on the memory keyboard.
 - ⇒ This calls the "User Setup menu" for Memoskop.
- Configure the video recorder output for monitor A.
(Perform the configuration for monitor B only by special customer request).
- End the "user menu".
- Switch the POWERMOBIL respectively ARCOSKOP off and on again to activate the new configuration.

Function check



- Set the video recorder to record.
- With Fluoro, move the collimator blades slightly into the field.
Release fluoro for approximately 20 seconds.
- Stop the video recorder and rewind the tape.
- Replay the scene.

Concluding work

- Switch OFF the POWERMOBIL/ ARCOSKOP.
- Check the protective conductor function using the protective conductor meter 44 15 899 RV. Refer also to TI 236 / ARTD-002.731.17...